PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION *US/09/047,652A*

1642

DATE: 07/14/98
TIME: 12:17:09

INPUT SET: S27439.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

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 1                            SEQUENCE LISTING
 2
 3   (1)    General Information:
 4   (i) APPLICANT: Vassilios Papadopoulos
 5   Martine Culty
 6
 7   (ii) TITLE OF INVENTION: Peripheral-type Benzodiazepine Receptor:
 8   A Tool for Detection, Diagnosis, Prognosis, and Treatment of Cancer
 9
10   (iii) NUMBER OF SEQUENCES:  3
11
12   (iv) CORRESPONDENCE ADDRESS:
13   (A) ADDRESSEE: Pratt & Associates, Inc.
14   (B) STREET: 10821 Hillbrooke Lane
15   (C) CITY: Potomac
16   (D) STATE: MARYLAND
17   (E) COUNTRY: USA
18   (F) ZIP: 20854
19
20   (v) COMPUTER READABLE FORM:
21   (A) MEDIUM TYPE: Floppy disk
22   (B) COMPUTER: Apple Macintosh
23   (C) OPERATING SYSTEM: Macintosh 7.5
24   (D) SOFTWARE: Microsoft Word 6.0
25
26   (vi) CURRENT APPLICATION DATA:
27   (A) APPLICATION NUMBER: 09/047,652
28   (B) FILING DATE: March 25, 1998
29   (C) CLASSIFICATION:
30
31   (vii) PRIOR APPLICATION DATA:
32   (A) APPLICATION NUMBER:
33   (B) FILING DATE:
34
35   (viii) ATTORNEY/AGENT INFORMATION:
36   (A) NAME: Sana A. Pratt
37   (B) REGISTRATION NUMBER: 39,441
38   (C) REFERENCE/DOCKET NUMBER: 009/064/SAP
39
40   (ix) TELECOMMUNICATION INFORMATION
41   (A) TELEPHONE: (301)294-9171
42   (B) TELEFAX:  (301)294-7357
43
44   (2) INFORMATION FOR SEQ ID NO:1:
45
46   (i) SEQUENCE CHARACTERISTICS:
```

```
47   (A) LENGTH: 652 base pairs
48   (B) TYPE: Nucleic acid
49   (C) STRANDEDNESS: Single
50   (D) TOPOLOGY: Linear
51
52   (ii) SEQUENCE DESCRIPTION: SEQ ID NO:1:
53
54   CCACGGCGAA GGTCTCCGCT GGTACGCCGG CCTGCAGAAG       40
55   CCCTCGTGGC ACCCGCCCCA CTGGGTGCTG GGCCCTGTCT       80
56   GGGGCACGCT CTACTCAGCC ATGGGGTACG GCTCCTACCT      120
57   GGTCTGGAAA GAGCTGGGAG GCTTCACAGA GAAGGCTGTG      160
58   GTTCCCCTGG GCCTCTACAC TGGGCAGCTG GCCCTGAACT      200
59   GGGCATGGCC CCCCATCTTC TTTGGTGCCC GACAAATGGG      240
60   CTGGGCCTTG GTGGATCTCC TGCTGGTCAG TGGGGCGGCG      280
61   GCAGCCACTA CCGTGGCCTG GTACCAGGTG AGCCCGCTGG      320
62   CCGCCCGCCT GCTCTACCCC TACCTGGCCT GGCTGGCCTT      360
63   CACGACCACA CTCAACTACT GCGTATGGCG GGACAACCAT      400
64   GGCTGGCGTG GGGGACGGCG GCTGCCAGAG TGAGTGCCCG      440
65   GCCCACCAGG GACTGCAGCT GCACCAGCAG GTGCCATCAC      480
66   GCTTGTGATG TGGTGGCCGT CACGCTTTCA TGACCACTGG      520
67   GCCTGCTAGT CTGTCAGGGC CTTGGCCCAG GGGTCAGCAG      560
68   AGCTTCAGAG GTGGCCCCAC CTGAGCCCCC ACCCGGGAGC      600
69   AGTGTCCTGT GCTTTCTGCA TGCTTAGAGC ATGTTCTTGG      640
70   AACATGGAAT TT                                    652
71   (2) INFORMATION FOR SEQ ID NO:2:
72
73   (i) SEQUENCE CHARACTERISTICS:
74   (A) LENGTH: 652 base pairs
75   (B) TYPE: Nucleic acid
76   (C) STRANDEDNESS: Single
77   (D) TOPOLOGY: Linear
78
79   (ii) SEQUENCE DESCRIPTION: SEQ ID NO:2:
80
81   CCACGGCGAG GGTCTCCGCT GGTACGCCGG CCTGCAGAAG       40
82   CCCTCGTGGC ACCCGCCCCA CTGGGTGCTG GGCCCTGTCT       80
83   GGGGCACGCT CTACTCAGCC ATGGGGTACG GCTCCTACCT      120
84   GGTCTGGAAA GAGCTGGGAG GCTTCACAGA GAAGGCTGTG      160
85   GTTCCCCTGG GCCTCTACAC TGGGCAGCTG GCCCTGAACT      200
86   GGGCATGGCC CCCCATCTTC TTTGGTGCCC GACAAATGGG      240
87   CTGGGCCTTG GTGGATCTCC TGCTGGTCAG TGGGGCGGCG      280
88   GCAGCCACTA CCGTGGCCTG GTACCAGGTG AGCCCGCTGG      320
89   CCGCCCGCCT GCTCTACCCC TACCTGGCCT GGCTGGCCTT      360
90   CACGACCACA CTCAACTACT GCGTATGGCG GGACAACCAT      400
91   GGCTGGCGTG GGGGACGGCG GCTGCCAGAG TGAGTGCCCG      440
92   GCCCACCAGG GACTGCAGCT GCACCAGCAG GTGCCATCAC      480
93   GCTTGTGATG TGGTGGCCGT CACGCTTTCA TGACCACTGG      520
94   GCCTGCTAGT CTGTCAGGGC CTTGGCCCAG GGGTCAGCAG      560
95   AGCTTCAGAG GTGGCCCCAC CTGAGCCCCC ACCCGGGAGC      600
96   AGTGTCCTGT GCTTTCTGCA TGCTTAGAGC ATGTTCTTGG      640
97   AACATGGAAT TT                                    652
98
99   (2) INFORMATION FOR SEQ ID NO:3:
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100
101    (i) SEQUENCE CHARACTERISTICS:
102    (A) LENGTH: 169 amino acids
103    (B) TYPE: amino acid
104    (D) TOPOLOGY: Linear
105
106    (ii) SEQUENCE DESCRIPTION: SEQ ID NO:3:
107    Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
108     1           5                      10
109
110    Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
111                15                      20
112
113    Xaa Xaa Xaa Xaa Xaa Xaa His Gly Glu Gly
114                25                      30
115
116    Leu Arg Trp Tyr Ala Gly Leu Gln Lys Pro
117                35                      40
118
119    Ser Trp His Pro Pro His Trp Val Leu Gly
120                45                      50
121
122    Pro Val Trp Gly Thr Leu Tyr Ser Ala Met
123                55                      60
124
125    Gly Tyr Gly Ser Tyr Leu Val Trp Lys Glu
126                65                      70
127
128    Leu Gly Gly Phe Thr Glu Lys Ala Val Val
129                75                      80
130
131    Pro Leu Gly Leu Tyr Thr Gly Gln Leu Ala
132                85                      90
133
134    Leu Asn Trp Ala Trp Pro Pro Ile Phe Phe
135                95                     100
136
137    Gly Ala Arg Gln Met Gly Trp Ala Leu Val
138               105                     110
139
140    Asp Leu Leu Leu Val Ser Gly Ala Ala Ala
141               115                     120
142
143    Ala Thr Thr Val Ala Trp Tyr Gln Val Ser
144               125                     130
145
146    Pro Leu Ala Ala Arg Leu Leu Tyr Pro Tyr
147               135                     140
148
149    Leu Ala Trp Leu Ala Phe Thr Thr Thr Leu
150               145                     150
151
152    Asn Tyr Cys Val Trp Arg Asp Asn His Gly
```

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153                    155              160
154
155    Trp Arg Gly Gly Arg Arg Leu Pro Glu
156                    165
157
158
159
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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/047,652A*

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Line	Error	Original Text